

2024 INTERNAL EXAM: Science: Physics
Year 10



Topics covered:

T1 – Key concepts of physics

T2 – Forces and motion

T3 Conservation of energy

T4 – Waves

Copies of the workbooks (and some answers to the questions in them) can be found in your Google Classroom.

*Further revision materials, including links to the material listed her can be found in the **year 10 Science Google Classroom – the QR code above will take you there (if you are logged into your ALF account).***



You will be tested on:

1. Core knowledge
2. Application of the core knowledge
3. The scientific method – how we plan, conduct and analyse our experiments

To support your revision

1. To deepen your knowledge use the following BBC Bitesize pages. You can click on the links here, follow the QR codes in your Core Knowledge for the Easter exams booklet or follow the links from *the year 10 Science Google Classroom*.

- Vector & scalar quantities
- Speed calculation
- Resultant forces
- Newton's second law, $F=ma$
- $F=ma$ core practical
- Calculating acceleration 1
- Calculating acceleration 2
- Velocity-time graphs
- Energy stores
- Waste energy & efficiency
- Gravitational Potential Energy and Kinetic Energy calculations
- Wave types 1
- Wave types 2
- Waves core practical

2. Carousel Learning - Practise your core knowledge using the Carousel Learning study pack we have put together for you: just follow the link in *year 10 Science Google Classroom or this QR code*, log in with your name and test yourself on the relevant core knowledge needed for this test.

